

**City of Belmont  
Community Development  
Permit Center**



**One Twin Pines Lane  
Suite 110  
Belmont, CA 94002**

## **Eligibility Checklist for Expedited Solar Photovoltaic Permitting for One- and Two-Family Dwellings**

### **GENERAL REQUIREMENTS**

- |  |                            |                            |
|--|----------------------------|----------------------------|
| A. System size is 10 kW AC CEC rating or less  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. The solar array is roof-mounted on one- or two-family dwelling or accessory structure | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. The solar panel/module arrays will not exceed the maximum legal building height       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. Solar system is utility interactive and without battery storage                       | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| E. Permit application is completed and attached  | <input type="checkbox"/> Y | <input type="checkbox"/> N |

### **ELECTRICAL REQUIREMENTS**

- No more than four photovoltaic module strings are connected to each Maximum PowerPoint Tracking (MPPT) input where source circuit fusing is included in the inverter
- |   |                            |                            |
|---|----------------------------|----------------------------|
|   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 1) No more than two strings per MPPT input where source circuit fusing is not included  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 2) Fuses (if needed) are rated to the series fuse rating of the PV module   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| 3) No more than one noninverter-integrated DC combiner is utilized per inverter   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| A. For central inverter systems: No more than two inverters are utilized  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. The PV system is interconnected to a single-phase AC service panel of nominal 120/220 Vac with a bus bar rating of 225 A or less | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. The PV system is connected to the load side of the utility distribution equipment  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. A Solar PV Standard Plan and supporting documentation is completed and attached  | <input type="checkbox"/> Y | <input type="checkbox"/> N |

### **STRUCTURAL REQUIREMENTS**

- |   |                            |                            |
|---|----------------------------|----------------------------|
| A. A completed Structural Criteria and supporting documentation is attached (if required) | <input type="checkbox"/> Y | <input type="checkbox"/> N |
|---|----------------------------|----------------------------|

### **FIRE SAFETY REQUIREMENTS**

- |  |                            |                            |
|--|----------------------------|----------------------------|
| A. Clear access pathways provided  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| B. Fire classification solar system is provided  | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| C. All required markings and labels are provided   | <input type="checkbox"/> Y | <input type="checkbox"/> N |
| D. A diagram of the roof layout of all panels, modules, clear access pathways and approximate locations of electrical disconnecting means and roof access points is completed and attached | <input type="checkbox"/> Y | <input type="checkbox"/> N |

#### *Notes:*

- These criteria are intended for expedited solar permitting process.*
- If any items are checked NO, revise design to fit within Eligibility Checklist, otherwise permit application may go through the standard process.*